



BADGER STATE **Smoke Signals**



Serving Amateur Radio in Wisconsin

Published Monthly Since 1969

Vol. 16 No. 1 - 181st Consecutive Monthly Issue - Baraboo WI - January 1985

HAPPY 1985 FROM THE BADGER STATE SMOKE SIGNALS STAFF: Ken Ebnetter, K9EN, Portage; Jim Decker, WB9UQT, Baraboo, and Jim Romelfanger, K9ZZ, Baraboo!



The Wisconsin Nets Association (WNA) celebrates 25 years in 1985. Here's a photo, courtesy of Rob Hummel, WA9ZTY, of a meeting of WNA Officers and Delegates, taken in the mid or late 1960s. Shown are, left to right, back row: John Satterlee, WA9SAB; Unidentified; Roy Pedersen, K9FHI (ex-SM WI); Dick Lemme, WA9GJU (now KB9FA); Rob Hummel, WA9ZTY; Bill Kimball, WA9OAY, and Jack True, WA9QNI. Front row: Sid Pokorny, W9NRP (ex-SCM WI, now W5UAU); Sherm Carr, W9NGT; Lyall Buestrin, W9DXV (Silent Key); Red Beneditz, W9IZG, and Ken Ebnetter, K9GSC (ex-SCM and Vice Director, now K9EN). More on the WNA's organization and early days in our next issues.

Badger State Smoke Signals supports: The American Radio Relay League (ARRL) - The Wisconsin Nets Association (WNA) - The Wisconsin Association of Repeaters (WAR) - The Amateur Radio News Service (ARNS)
GEARVAKf (The 'f' is silent)

Badger State Smoke SignalsOfficers:

Ken Ebnetter, K9EN, Chairman
 Jim Romelfanger, K9ZZ, Editor
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 print items from BSSS provid-
 ing credit is given to the
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 Signals.

SWAPFESTS AND OTHER SOCIAL EVENTS

The 13th Annual Midwinter Swapfest sponsored by the West Allis Radio Amateurs Club will be held on Saturday, January 12, 1985, beginning at 8:00 am in the Waukesha Exposition Center, Highways F & FT, Waukesha, WI. Reserved tables: \$3.00. (Reservations accepted through Dec. 31, 1984.) Non-reserved tables: \$4.00. (first come - first served.) Admission: \$2.00 advance, \$3.00 at the door. Free coffee and donuts. Reservations (with s.a.s.e.) to: WARAC SWAPFEST, P.O. Box 1072, Milwaukee, Wisconsin 53201.

The Wheaton Community Radio Association will conduct their annual Hamfest at Arlington Park on Sunday January 20, 1985. For general information telephone: (312) 231-7497.

The Libertyville and Mundelein ARS will sponsor the LAMARSFEST 1985 on Sunday March 31, 1985 at the Lake County Fairgrounds, Grayslake, Illinois. Registration \$2.00 advance or \$3.00 at door. Advance tables \$5.00 (not in commercial area). Lamars, Box 751, Libertyville, IL 60048.

As a service to our readers, this section of Badger State Smoke Signals is available without charge to list your upcoming Swapfest, Hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas. Send information on your event to Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. In addition, space is available at attractive rates on our advertising pages, and/or we can include your flyers. For information on rates and requirements for our advertising pages, and/or for including flyers, please contact K9ZZ or K9EN.

CLUB MEETINGS:Central Wisconsin Radio Amateurs:
(Stevens Point)

January 9, 1985. Eighth annual CWRA Ltd. Club Banquet at the Blue Top.

Four Lakes Amateur Radio Club
(Madison, WI)

This year's annual banquet will be at the TOP HAT in Middleton. The banquet will be held on Saturday, January 26. Contact Treasurer, Stephanie, KA9HCJ for reservations.

Kettle Moraine Radio Amateurs:

All meetings are held on the SECOND (2nd) Friday of each month.

Madison Area Repeater Association

The first meeting of the new year and the election meeting will be held on Monday, January 14th.

Milwaukee Radio Amateurs Club:

All regular meetings of MRAC scheduled for 1985 at Wauwatosa Savings and Loan Building, 7500 West State Street, will be held on the second Thursday of the month.

1985 meetings will be Jan. 10, Feb. 14, Mar. 14, Apr. 11, May 9, June 13, Sep. 12, Oct. 10, Nov. 14.

Riverland Amateur Radio Club

Regular meetings are held at 7:30 P.M., on the first Wednesday of each month in the Onalaska Community Center in Onalaska, WI.

South Milwaukee Amateur Radio Club

Meetings held at Legion Post 434, Shepard Ave., Oak Creek, on first Wednesday of the month. Auctions held at March and October meetings.

West Allis Radio Amateurs Club

Regular meetings are held on the second Tuesday of each month at St. Francis Savings, 9330 W. Greenfield Ave., at 8:00 P.M.

The Wisconsin Valley Radio Association
(Wausau)

Holds regular monthly meetings on the first Tuesday of the month at 7:30 p.m. The location varies, but information is available on the 146.04/64 repeater in Wausau.

Yellow Thunder Amateur Radio Club:
(Baraboo, WI)

All regular meetings of YTARC are held in room 34 of the Baraboo Civic Center.

The meeting dates for 1985 are:
Jan 21, Feb. 12, Mar. 13, Apr. 11,
May 20, June 11, July 10, Aug. 15,
Sep. 16, Oct. 15, Nov. 13, & Dec.
12.

Let us know of your club meeting dates, and we will let others know of your meetings and activities. There may be Amateurs in your area interested in joining your club, or members of other clubs interested in making an interclub visit.

MISCELLANEOUS MISCELLANEOUS MISCELLANEOUS
Oh what the heck -- items of interest:

Central Wisconsin Radio Amateurs Ltd.
(Stevens Point)

WATTS SMOO

Bob Baird, W9NN made it to Florida in great shape and he is doing just fine. Look for him around 7047 KHz at 9 p.m. Monday, Wednesday & Fridays.

Four Lakes Amateur Radio Club
THE FEEDLINE

The latest Novice class graduated with 9 passing the code and written exams. One was 12 years old and another was 68 years old. If you have any equipment for sale, or are willing to donate for temporary use -- call John Dfferdahl, KC9XH or Scot Herrick, NB9C.

Gari, K9PBV recently upgraded to Extra.

Ed, K9QXY and Sharon WB9RNF have a new Kenwood TS-930S on the air from Jackson, WI.

Riverland Amateur Radio Club
(La Crosse area)

For news of the Riverland Amateur Radio Club, see their section of Smoke Signals.

Wisconsin Nets Association

For news of the WNA see the WNA section of Smoke Signals.

Yellow Thunder Amateur Radio Club, Inc.

For news of the YTARC see the YTARC section of Smoke Signals.

Our thanks to the above mentioned clubs and their bulletins for the information presented. Badger State Smoke Signals will be pleased to exchange bulletins and information with your club. Please contact K9ZZ or K9EN.

THE TEST POINT

The following are known locations where Amateur Radio license examinations are being given in the Badger State area.

January 9, 1985	Sheboygan, WI
January 19, 1985	Wis. Rapids, WI
February 9, 1985	Milwaukee, WI
February 9, 1985	Dubuque, IA
February 16, 1985	Minneapolis, MN
March 2, 1985	Madison, WI
March 3, 1985	Whitewater, WI
March 13, 1985	Onalaska, WI
April 6, 1985	Sheboygan, WI
April 13, 1985	Madison, WI
April 20, 1985	Minneapolis, MN
May 5, 1985	Whitewater, WI
June 22, 1985	Minneapolis, MN
July 14, 1985	Whitewater, WI
September 28, 1985	Mt. Horeb, WI

Note: All examinations require filing an FCC Form 610 and advance registration at least 30 days before the exam date. Additional information below.

February 9, 1985 Milwaukee WI

The Milwaukee Radio Amateurs Club has Amateur Radio license examinations scheduled as follows:

Saturday, February 9, 1985, 9:00 AM

Exams will be conducted in Room 256 at Wauwatosa East High School, 74th & Milwaukee Avenue. Use east (74th Street) entrance.

Please file on a Postal System post card (13¢) mailed to:

Harry A. Cieszki, KD9AJ, MRAC Sec'y
3760 South 43rd Street #21
Milwaukee, WI 53220

PLEASE NO PHONE CALLS

PLEASE PRINT on the reverse side of the card listing the grade of license you are applying for, your name, address,

including Zip Code, and your telephone number. PLEASE PRINT

When you appear for a test please be sure you have with you a photocopy of your license and four dollars for the exam fee. We will supply you with the 610 form and assist you in properly filling it out.

March 13, 1985 Onalaska, WI

The Riverland Amateur Radio Club has license examinations scheduled for all classes on Wednesday, March 13, 1985 at 7:30 P.M. at the Onalaska Community Center. If you would like to take an exam, you must contact Rick Williams, KV9U, at (608) 783-8028 no later than February 1, 1985, to get all the needed information.

February 16, 1985 Minneapolis, MN
April 20, 1985 Minneapolis, MN
June 22, 1985 Minneapolis, MN

February 16, 1985 (registration deadline January 17) Minneapolis Radio Club. Contact: Tony Becker, AEØM, 3638 Pleasant Ave. S. Minneapolis, MN 55409.

Remember, to register for these examinations you must first secure a copy of the current FCC Form 610 (the one dated June 1984) and fill it out completely (AND CORRECTLY). Get your form from the FCC Field Office or the ARRL. send a 20¢ SASE if you request one from the ARRL. Enclose a \$4.00 check or money order made payable to: ARRL/VEC. Mail the Form 610 and payment to the person listed above as the "contact" person for the test. You will receive additional information giving time, actual building, etc. prior to the test date.

March 2, 1985 Madison, WI
April 13, 1985 Madison, WI
September 28, 1985 Mt. Horeb, WI

The Four Lakes Amateur Radio Club will be offering upgrade exams for all classes of Amateur radio license. The exams will be held March 2 and April 13 beginning at 8:30 a.m. in room 700, Memorial High School, Madison, Wisconsin. Talk in frequency is on 146.16/76 repeater. FCC Form 610s should be sent to Gary Lincoln, 6015 Winnequah Rd., Monona, WI 53716. and must be received at least 30 days before the exam requested. A check made out to ARRL/VEC for the amount of \$4.00 must accompany each 610.

The September exam will take place in Mt. Horeb during the County Hunters Mini Convention.

January 19, 1985 Wis. Rapids, WI

Wisconsin Rapids Vocational School at 500 32nd Street South. (Registration deadline for this one is already past.)

February 9, 1985 Dubuque, IA

The first Amateur Radio license exams sponsored by the Great River ARC will be given Feb. 9, 1985 at the fire station at 9th and Central St., Dubuque, Iowa. You must pre-register before January 1st to take an exam. Send a Form 610 with a \$4.00 check or money order (made out to ARRL/VEC) to Dan McKenzie, AI9D, 1885 Scenic View Dr., Dubuque, Iowa 520001.

March 3, 1985 Whitewater, WI
May 5, 1985 Whitewater, WI
July 14, 1985 Whitewater, WI

Sponsored by Tri-County Amateur Radio Club. Contact Carl, KW9W.

January 9, 1985 Sheboygan, WI
April 6, 1985 Sheboygan, WI

Jan. 9 at Red Cross Building, 7:00 p.m.
Apr. 6 at Red Cross Building, 1:30 p.m.

This section of Badger State Smoke Signals is available to publicize your Volunteer Examiner Amateur Radio license examination schedules.

Please send us your schedules of dates, times, and locations that you will be conducting examinations and we will include the information here. Be sure to include contact address and any other necessary requirements. Information should be sent to K9EN or K9ZZ at the address shown on page 2.

Cumulative summary of all ARRL/VEC sessions since program began September 1:

Total candidates served: 1008
Total sessions completed: 29
Average candidates/session: 35

	1A	1B	1C	2	3	4A	4B	total
Elements passed	25	297	78	35	175	106	23	639
Elements given	38	430	131	38	356	254	88	1335
Pass rate	66%	46%	60%	92%	49%	42%	26%	47.9%

YELLOW THUNDER AMATEUR RADIO CLUB

The December 13, 1984 meeting of the Yellow Thunder Amateur Radio Club, Inc. was called to order by President, Art Kleefisch, W9WSS in room 30 of the Baraboo Civic Center.

The following members were present:

Art Kleefisch, W9WSS	Baraboo
Duane Grotphorst, KA9HKL	Sauk City
Ken Ebnetter, K9EN	Portage
Jim Decker, WB9UQT	Baraboo
Harry Mayland, K9FFT	Baraboo
Pete Sweeney, WD9JIB	Reedsburg

The following guests were present:

Bill Klinkner	Sauk City
Everett H. Yost, KB9XI	Sauk City

The president asked the members and guests to introduce themselves to every one present.

The minutes of the previous meeting were approved as printed in Smoke Signals.

The Treasurers report was read showing a balance of \$21.77 in the operating account and \$201.77 in all accounts, including reserve accounts. There were no known outstanding bills remaining for 1984.

Communications and announcements: Ken, K9EN, read a couple items from The ARRL Letter. Ken also reported that the Riverland Amateur Radio Club will be joining Badger State Smoke Signals beginning with the January issue.

A report on the Novice classes was given by Art, W9WSS. He reported that one student was ready to take the test. The class meeting room reservations for January will be cancelled and classes will be held in Art's home.

Election of 1985 officers:

The nominating committee nominated the present officers to continue in their positions. Nominations for all offices were opened for nominations from the floor. There being no further nominations, the nominations were closed. A motion was made by Harry Mayland, K9FFT to have a unanimous ballot for the nominees. Seconded by Jim Decker, WB9UQT. The motion passed unanimously.

The 1985 YTARC officers are:

President:	Art Kleefisch, W9WSS
V. President:	Duane Grotphorst, KA9HKL
Secretary:	Ken Ebnetter, K9EN
Treasurer:	Jim Decker, WB9UQT

No Old Business:

New Business:

A motion to suspend the by-laws and hold the January meeting on Monday January 21, 1985 was made by Pete Sweeney, WD9JIB, and seconded by Harry Mayland, K9FFT. The motion passed. The purpose of this action was to avoid a meeting date conflict with the MARA meeting on January 14, 1985.

Since the prize was won at the last meeting, the door prize for this meeting was \$1.00. The lucky winner was Art, W9WSS, who was present to claim his award.

The meeting was adjourned by President, Art Kleefisch, W9WSS

Following the meeting the annual Christmas party was held with Christmas cake and beverages for all. The members and guests exchanged gifts they had brought to the party. A good time was had by all.

Respectfully Submitted:

Kenneth A. Ebnetter, Secretary

The next meeting of the Yellow Thunder Amateur Radio club will be held on Monday, January 21, 1985 in room 34 of the Baraboo Civic Center in Baraboo, Wisconsin. At this writing the program has not been established for the meeting.

BIRTHDAZE

The following YTARCers are celebrating their birthdays in January.

Evelyn Fox	WB9QZA	January	19
Jerrold Lamb	KA9LUT	January	21

We missed the following YTARC members in December.

Duane Grotphorst	KA9HKL
Art Kleefisch	W9WSS

The current issue of AMATEURADIO, published by the Public Information Office of the ARRL has an article and pictures of the Barneveld Tornado by none other than our very own K9ZZ. AMATEURADIO is published by the League for distribution to government officials to inform them about Amateur Radio.

WISCONSIN NETS ASSOCIATION LTD.

WISCONSIN NETS

NET	WNA	FREQ	UTC	CST	MANAGER
BWN	YES	3984	1200Z	0600	WD9IID
BEN	YES	3985	1800Z	1200	WB9ESM
WSBN	YES	3985	2330Z	1730	WA9ZTY
WNN	YES	3723	0000Z	1800	KA9OBP
WSSN	YES	3645	0030Z	1830	N9BDL
WIN-E	YES	3662	0100Z	1900	WB9ICH
WIN-L	YES	3662	0400	2200	KC9CJ
NWTN	YES	34/94	0030Z	1830	W9JSF
WCWTN	YES	31/91	0030Z	1830	N9DIH
GR.BAY	NO	72/12	0245Z	2045	WB9NRK
			THU	WED	
WRN	NO	3625	0000Z	1800	K9UTQ
	RTTY		Mon. Wed. Fri. UTC		
			Sun. Tue. Thu. Local time		

FROM THE SECTION MANAGER...

Richard R. Regent K9GDF
5003 South 26th Street
Milwaukee WI 53221

Plan to participate in the Wisconsin QSD Party, March 9th, 1985, conducted by West Allis RAC. The KMRA and W/K Clubs compete against each other in several major contests. Don't forget to send in Novice Roundup logs.

This year, Wisconsin Chapter QCWA members volunteer to computer-check contest logs of the worldwide contests. The CW QCWA contest, February 9th to 11th, will have logs checked by K9UTQ, while the phone QCWA contest, March 9th and 10th, will be handled by W9FPA. Wisconsin QCWA net meets Sundays, 8:30 a.m., on 3985.

There are 38 ARRL Affiliated Wisconsin Clubs, nearly 1,700 ARRL members, and increasing. Find out how your club can become affiliated or learn about the benefits by getting in touch with Affiliated Club Coordinator AE9K.

The Milwaukee Repeater Club, Inc., had Packet Radio and W5LFL videotapes. Tri-County ARC, the club with the new yellow jackets, had delicious Christmas dinner in Whitewater, presented KJ9I the club annual scholarship, K9GDF said hello, and KW9W presented hot-air balloon video. It was noted after the meeting that KJ9I has 272 countries worked.

Central Division Director W9PRN, K9FHI, and K9GDF compliment MRAC on 65th anniversary as oldest ARRL Affiliated Club at its Christmas dinner and Old Timer's Night. K9FHI was applauded for his 11 years work as former SCM/SM. W9PRN gave a summary of the advances in Amateur Radio and presented some thoughts on Packet Radio.

K9GDF said, "For the past eight years, the Milwaukee Radio Amateurs' Club has conducted Amateur Radio classes at all levels - Novice, Technician, General, Advanced, and Extra. Instructor's goals range from licensing the newcomers to upgrading the oldtimers, extending open arms to all who desire to learn. In fact, 82% of the students are not Club members. This public service will favorably shape the future of Amateur Radio in the Milwaukee area.

"In 35 years, the Milwaukee Radio Amateurs' Club will celebrate its 100th anniversary. Without a doubt, we can be assured it will have grown and become enriched through its leaders, who today are its students. Thank you for your ARRL support, and may all your Christmas' be bright."

The all-new 1985 ARRL Handbooks are overwhelming and excellent - do you have your copy?

K9ZZ has full page report and pictures of Barneveld emergency communications published in ARRL Amateurradio newsletter. N9BYK has Exercise Night Tango article printed in ARRL QCD and in BSSS. Did you see story about Milwaukee's Operation Santa Claus in QST, December, page 80? (Hey, Rich, it's a great article - take a pat on the back - k9zz.)

KA9RHN back on the air with new rig. Did you know that W9KU and his brother, W9SD, learned CW when they were kids? While quarantined at home with measles, recovering in separate bedrooms across the hall from each other, they beamed flashlights on the hall ceiling and keyed the on-off switches!

Please turn in your traffic totals to help Wisconsin improve its rank of 3rd place out of 73 sections in traffic handling. BPL to KA9CPA.

CAND report November 1984 X 978 messages in 30 sessions D9RN 100% Wisconsin stations N9BGE W9IEM WD9FRI K9EF - Jerry W5LZV CAND Mgr.

D9RN report November 1984 X 384 messages in 1049 minutes X Wisconsin 100% stations N9BGE W9CBE WD9FRI W9IEM WA9WYS KA9OBP 73 - Dale WA4JTE D9RN Mgr.

9RN Cycle 4 report November 1984 QNI 377 QTC 519 QTR 1093 in 60 sessions Wisconsin participation 88% stations N9BYK W9CBE W9CXY W9DND K9GDF WB9ICH KA9OBP WA9UJK K9UTQ W9YCV W9YT 73 - Peggy W9JUJ 9RN Mgr.

-73, Rich, K9GDF

WNA PASI -- 20 years ago

Since we have no news from the nets this month we thought you might enjoy some items from the WNA Bulletins of 1964.

WNA NETS (January 1964)
WIN 3535 kc/s (CW) 0045Z
BEN 3950 kc/s (AM) 2400Z
WSBN 3985 kc/s (SSB) 2315Z

Jan. 20 1964: Due to deteriorating band conditions, there has been some discussion to changing the time or frequency, or both of the BEN. Some of the ideas have been to change to an earlier time, a different frequency in the 75 meter band or perhaps change bands entirely such as to 160 or 6 meters.

April 20, 1964: WNA picnic announced for July 12, 1964 at East Park in Hartford, WI. Traffic summary for 1963 showed the top 10 traffic handlers were: W9DYB (6494), K9IMR, W9ADW, W9CXY, WA9AKE, W9SAA, K9GSC, K9IME, W9VHP, and K9BLN. Total traffic reported was 32,825.

July 20, 1964: 3 page article on AM modulation. (No credit line given but believe it was from Sherm Carr, W9NGT.) WNA picnic ballgame score was AM-14, CW/SSB-11.

Once upon a time there was a Ham who could not get the SWR of his feedline low enough to suit him. Blaming his monimatch and other SWR measuring equipment he threw it all in the fireplace and stalked away, hence the expression, "He burned his bridges behind him".

Oct. 20, 1964: Technical articles on using silicon rectifiers to replace tube rectifiers, and on Extended Positive Peak Modulation. The Wisconsin QSO party Sponsored by the Milwaukee Radio Amateurs Club for December 13, 1964 was announced.

One of the looked for features of the Bulletin was the WIN NEWS edited by Bud Wolda, W9KQB (The Old Beezer). Part of the October 20th issue follows:

Hi WINER! Happy Injun Summer to Ya. It's not too soon to set ourselves for the upcoming heavy tlc period. It's also the football season, that time of year when a guy kin take a walk wid a blonde on one arm & a blanket on the other & the towns elders think nothing of it. Wat's the project gonna be this year besides cussin' the slippery streets? Time to plan & while ur at it, check that specification of ur gear that seldom appears in catalogs, Reliability. How do we as oprs rate in this respect? Just a little extra ef-

fort to be active will make it a "TOPS" season for both tlc & enjoyable friendships. OK? OK.

Ya know, teenagers finding it ruff running away from home these days; everytime they get as far as the door, the fone rings. Oh & it's a true music lover who, upon hearing a soprano voice in the shower, puts his ear up to the keyhole. Heard on WIN, "Hey OB, who was that cute lil redhead I saw you outwit last nite?"

WIN-dom Datum: (check Webster on that last word) MWQ-A surprize QNI from Wid. Our best wishes to this grand ole WINer. WIE-Not an A student but teachers say he's the unusual type: They're studying him. QNI-Efficiency expert John grded his fence sez it was pilferin' his RF. UUT-Hope the color of new wallpaper don't clash with decor of his shack. Congrats A-ler. GSC-Wid customers TV mast loking like a quarter moon, Ken sed he was lucky, has jist enuff leadin along on job. AKE-Taking Hank long time to pick new rig. Wat color does YL want? CXY-Sorry Jim, I like Rambler but OW is Kraut & wants new Opel. BCC It's fists like this guys the keyer has ended. 1 word & Ya know it's Frank. NLJ-Alas, Pete's expedition days are over. He's real happy just going to the laundermat now. APB-Has a spker cuming from KZZ who opened up one nite when Hal was DX to his rcvr. WJH-Hmmm, I wonder, they say sailors are wolves in ships clothing. DYB-After this summer Fred's joining the VFW; Veteran of Fun Weekends. FXA-Wa hoppin Jim, ferget how rig goes back together? RIPS-First new rig in 10 years. Now's the time to nudge him for a furcoat, Betty. DND-Ole Dots-N-Dashes sez he worked like a dog during vacation. Thats alot of eatin & sleepin & barkin at the OW got him nowheres. VAJ-Ho Brother, is Jim in for much air time. He's trying for all 3079 USA counties. SIZ-Our Friday NCS must think there's only one fish day per month. KZZ-Experimented & this deduction: liquor didn't cure his cold but wat an enjoyable failure. CBE-Just when his fist gets to that mellow & nice copy, he goes beserk with RTTY. NYS-Leos idea of Vegetarian Roulette: 5 mushrooms & 1 toadstool. EDZ-Finally got news from Dan. 18 & Cracking buks at college in Eau Claire. Stn a Natl. NCX3.

OG sez "Too much or too lil begets trouble" (so do wet leaves on the walk. Oh me achin sittin' piece) 73 and C U on WIN

The Old Beezer

If you enjoyed the above, we will try to have more.

RIVERLAND AMATEUR RADIO CLUB

On December 5, 1984, the regular monthly meeting of the Riverland Amateur Radio Club was called to order by President Steve Mrachek, N9CEY.

Members present:

Steve Mrachek, N9CEY
Greg Miller, KA9F0Z
John Carroll, W9MMP
Duane Fruechte, W9HWQ
LaVerne Bentzen, K9EGD
Ralph Jahimiak, WA9DAE
Dick Low, K0JYB
Rick Williams, KV9U
Ron Reed, KA9ISV
Craig Goldbeck, N9ETD
Bill Kleinschmidt, KA9SOI
Dallas Miller, K9LEC
Mike Nelson, KB9RJ
Jeff Fancher, W9BRA
Herman Ludvik, W9HJV
Van Elston, WA9FID
Art Osborn, W0JDC
Ken Weigel, N9CDT
Ray Wakeen, WA9HHM

Minutes of the November meeting were approved as read. Treasurers report was approved as read.

OLD BUSINESS---Duane, W9HWQ, reports the Christmas dinner has been set for Jan. 19, 1985 at 7:00 P.M. at Sullivans Restaurant in Trempealeau, Wis. The reservation has been made. Any one wishing to attend should bring \$5.00 per person to the January meeting to reserve a seat or send it to:

Greg A. Miller, KA9F0Z
2522 Wood Street
La Crosse, Wisc. 54603

We will be ordering off the menu and your \$5.00 will be deducted from your dinner bill.

Duane, W9HWQ, reported he has temporarily installed the Teletype repeater antenna. He notes that the antenna mounts are loose and cause some problems during windy days. This will be cured when the permanent installation takes place.

Membership cards are in and will be distributed when the 1985 dues are collected.

Greg, KA9F0Z, and Nook, K9EGD visited the 37/97 repeater and report that some minor rewiring should be done. This will be done later in Dec.

Swapnet was briefly discussed to see if there was a better night and time. There was no comment. Greg, KA9F0Z, reminded everyone of the night, Wednesdays at 7:30 on the 37/97 repeater except the first Wed. of each month.

NEW BUSINESS---Rick, KV9U, has set a time for license examining in our area. Licensing for any class license will be on Wed. March 13, 1985 at 7:30 P.M. at the Onalaska Community Center. If you would like to take an exam you must contact Rick Williams at 783-8028 no later than Feb. 1, 1985 to get all the needed information.

Rick, KV9U, has reserved the Onalaska Community Center for our 2nd Annual Swapfest on July 27, 1985, starting at 8:00 A.M.

A reminder that the January meeting is election night and all members are asked to attend and vote for your next officers.

Ken N9CDT, explained the annual prefix contest which begins tonight and runs thru to our March meeting.

Total members present at this meeting was 19.

Meeting was adjourned at 8:15 P.M.

No program was scheduled.

Respectfully Submitted:
Greg A. Miller, KA9F0Z
V.P. and Sec. Treasurer
Riverland Amateur Radio Club

The Riverland Amateur Radio Club meets on the first Wednesday of every month at 7:30 P.M. in the Onalaska Community Center, Onalaska, Wisconsin.

DE k9zz:

This month, Badger State Smoke Signals welcomes the Riverland Amateur Radio Club of the La Crosse, WI, area, as a participant in the BSSS project.

Riverland ARC has about 75 members, and, perusing the minutes of their last meeting, it looks to be a very active club. As you read each forthcoming issue, we encourage you to read all of each issue. You'll see what's going on in Riverland, Yellow Thunder, and the Wisconsin Nets Association, along with a lot of general good Amateur Radio info.

Which club will be next to join the Badger State Smoke Signals project? Details are on the subscription page of each issue.

Congrats to Stu Gurske, K9EYY, Lodi, on the publication in HAM RADIO of his

duplexer construction article. I believe it's set to appear in the February issue of that great magazine. I also believe the cover art on that issue will concern Stu's article.

Woody Minar, K9EF, St. Croix Falls, was caught meandering thru the Badger State enroute to St. Croix Falls. His tour of duty in Ethiopia is over, and he expects to spend the next four years in the Washington, D.C. area. Woody handed out about 25,000 contacts when he was in Georgetown, Guyana. Welcome back, Woody!

Merle Holmes, KW9K, Portage, was hospitalized recently with what was reported to be a ruptured appendix. We all wish you well, Merle the Pearl, and hope you're home and feeling better soon!

Badger State Smoke Signals is looking for articles from those who remember the early days of the WNA. If you have something to contribute, please scratch it out and ship it off to me at my address on page 2. We want to tip our hats to this unique organization in the proper way in its 25th year, but we need your help to do it right! C'mon... fill up my mailbox with verbosity!!

One thing we respectfully ask is that you submit text double spaced! PLEASE! Another thing we respectfully ask is that you always capitalize the words "Amateur Radio" and "Ham Radio." (Do not, however, feel that these are absolute requirements. We can and will accept anything you submit even if with a crayon on an old envelope. We will edit and correct spelling and punctuation.)

Another thing we respectfully ask is that Net Managers and Wisconsin Section ARRL Officials submit their columns! This month, unless K9EN has received something of which I'm not aware, we have only K9GDF's column... and that's all! C'mon, guys and gals... this space is here - free - for your use... please use it! I'll try to make up a new schedule and ship a copy to all of you.

Interested in the Volunteer Exam schedule? Get it two ways - subscribe to BSSS (the preferred way, from my point of view), or listen to the Sunday Morning Swap Net on 146.28/88, Baraboo (WA9WVE), at 10:00 a.m. This is your permission to read "The Test Point" on your repeater, too, if you'd like, but we do request that you give on-the-air credit to Badger State Smoke Signals! Thanx to the Central Wisconsin Repeater Association, John La-Blonde, W9FZC, and Russ Webber, WA9EKG, for reading this info for the benefit of all!

While I'm at it, thanx to all the clubs who are taking part in the Volunteer Examiner program, making Amateur Radio upgrade exams available all over the state and area! It's a LOT of work, and you are credits to the Amateur fraternity. You're the future of our hobby, and it looks as though that future is in good hands, indeed.

-k9zz

A reminder to exchange paper editors: If you use an item from this paper, you are required to give credit to the original author, publication in which the article appeared, and to this paper, too. This is a must; to not do it is discourteous at best. CREDIT MUST BE GIVEN! We make an honest effort to do this, and we expect the same treatment in return. Thanx!

And... again, a reminder: my current address is a new one. It is:

Jim Romelfanger K9ZZ
301 1/2 7th Street
Baraboo WI 53913
No Telephone.

Have a neat 1985.. see ya next month!

-73, jim, k9zz, Editor

BOOKS... FRANK TALK:

By John W. Frank WB9TQG

"The Complete Handbook of Radio Transmitters"

By Joseph J. Carr

Published by TAB Books Inc.

350 Pages (paperback) \$9.95

This book could have been titled "Everything You Wanted to Know About Transmitters, but Didn't Know Who to Ask."

Twenty two chapters cover a wide range of topics, starting with solid state and vacuum tube fundamentals. Oscillators, amplifiers, power supplies, and matching networks are described in detail. CW, AM, FM, PM, DSB, and SSB are defined and explained. Separate chapters are devoted to neutralization, troubleshooting, safety, RFI, and transmitter tests and measurements.

This handbook may be of interest to anyone interested in the nuts and bolts aspects of transmitters. Licensees

planning on upgrading may find it a useful supplement to many of the study guides and license manuals already on the market.

Do I have any criticisms of this book? Only one. A few of the schematics and photos aren't what the captions say they are. For example, a cathode modulator (with triodes) is described as a screen modulator in chapter 13. In chapter 16, all three photos of Yaesu transceivers are shown with the wrong captions.

These minor flaws in proofreading detract from the overall quality of the book. However, it remains a practical and easily understood guide to radio transmitters.

-John W. Frank, WB9TQG

From THE ARRL LETTER 12-06-84

HAMS RECEIVE FAVORABLE RESULTS
WITH ANTENNA SUIT

It took two years, but the lawsuit involving radio amateurs and the City of Burbank has finally come to an end. On Friday, November 30, Federal Judge Nicholas J. Buca accepted a settlement between the City of Burbank and the named plaintiffs in the class action suit. The attorney for the plaintiffs, ARRL Volunteer Counsel James C. O'Connell, W9WU, announced the terms of the settlement. The highlights of the settlement are the following:

1) Within 30 days of the entry of the decree in the court records, the City of Burbank will enact a new ordinance that will provide for Amateur Radio/Citizens Radio antennas.

2) The ordinance will specifically define and permit "antenna", "antenna support structure," and "antenna height." "Antenna height" shall mean the overall vertical length of the antenna support structure above grade and not include the antenna itself.

3) A permit shall be required for all antenna installations except those where the antenna support structure is 12 feet or less (not counting the building on which it is mounted).

4) An application for a building permit will require a copy of the plans, manufacturer's specification sheet, copy of homeowner's insurance policy and fee (\$10 or \$15, depending on the type of antenna).

5) Antenna support structures in a residentially-zoned district may be erected to a height of 65 feet under the ordinance.

6) Any denial of a permit to erect an antenna by the City must be in writing and reasons must be given. Also, for a period of two years copies of written denials of building permit applications for the erection of an antenna support structure must be sent to the plaintiffs' attorney for review.

7) ALL prior-existing amateur/CB antennas are "grandfathered" with the condition that such antennas comply with electrical safety requirements.

Attorney O'Connell, a resident of the Chicago suburb of La Grange, Illinois, adds this favorable result to a long list of achievements representing radio amateurs in antenna zoning cases. An ARRL Life Member, Jim's association with the League's Volunteer Counsel Program and this favorable result in a heavily-publicized case has given a much-needed boost to morale among hams.

50 YEARS OF WVRA:

From Ken Van De Zande, N9CPC

The 50th anniversary of the WVRA was a pleasant success.

The October 27th get-together at Chet's Valley Inn near Wausau brought many of the old-timers to town to renew acquaintances, meet some of the newer faces, and enjoy good food!

(Yes, one of the entrees was Ham.)

The "W9" set was by and large the biggest group present. 78 people turned out altogether; many WYL's made up this number.

A well-known Ham and former Wausau resident, John LaBlonde, W9FZC, was the Master of Ceremonies, and he shared stories of many of the club's early high spots and mishaps.

Two of the fourteen charter members were present, W9LED Walt Kerswill, and W9NA (ex-W9RQM) Reno Goetsch. Another charter member, Carroll Miller, is memorialized by the club station and repeater on 146.04/64 that bears his call sign, W9SM.

We regret to note the recent passing of three Amateurs who were well known in the area. W9LOM, Jim Woolsey of Wausau, passed away at the end of September; KB9RR, Roland Lupient of Marshfield, died in October, and WD9BKS, John

Wright, of Schofield, in November. Our sincere condolences go to their families.

From everyone in the Wisconsin Valley Radio Association, a most blessed Christmas and a New Year filled with blessings and joy.

-73, Ken Van De Zande, N9CPC
(DDB type)

=====

NOTES FROM THE FUTURE
50 AND 100 YEARS FROM NOW
from The GEARVAKf Bulletin

May 19, 2034,--The League of Radio Relaying Americans (LRRRA) revealed last week that membership has increased 28 percent in the last two years to well over 4.7 million. The LRRRA hopes to exceed the 6.0 million mark when it completes its most recent membership drive in October.

April 16, 1034---Former President Ronald Reagan, who celebrated his 123rd birthday recently, was attacked by a giant pink frog at his California ranch yesterday while fishing. The President was not injured in the attack, but the Secret Service has instituted new procedures to exclude giant pink frogs from the ranch. The pink frog infestation began in the Western United States after a Russian spacecraft, returning from an expedition to the planet Mars, crashlanded in the Pacific Ocean just off the California coast. Biological specimens collected by the crew escaped to shore and were never recovered.

June 13, 2034---Lovable old Wayne Green, Publisher of 12,394 different technical magazines and owner of the State of New Hampshire, announced last Friday that he is considering the sale of his publishing empire... again. According to several of Green's semi-close associates, the proceeds from this sale may be used to purchase the states of Vermont and Maine if details can be worked out. The GEARVAKf Bulletin attempted to contact Wayne to verify this latest announcement, but he was away on his third DX-pedition to the Moon.

May 7, 2034---The Dayton Hamvention this year was the biggest ever according to Hamvention Committee Chairman, Nguyen Trinh Quaap. Over 375,000 Hams crowded into the Hara Arena to get a look at the new Ham equipment. As always, the flea market was a big attraction with more than 12,500 exhibitors setting up in the back parking lot. The usual traffic control problems were swiftly handled by the Montgomery

County Hit Squad and no serious difficulties were encountered. "The Hamvention Committee expects next year's event to be even bigger," said Quaap.

May 19, 2084---The GEARVAKf Amateur RadioVention for 2084 attracted a record 18 people, said AmateurRadioVention Chairman Dr. Child Lander Moon at a press conference yesterday. "The record crowd means that we're finally gaining ground on the Dayton Hamventionf after trying hard for over 100 years," said Dr. Moon.

July 38, 2084---The new calendar, instituted by the Kennedy Administration in January, is still causing difficulty among Americans, says a report issued by the United States Temporal Society. The report claims that only one in eight Americans agrees with the change-over to the nine-month year and only one in ten has learned how to use the new decimal calendar. The USTS claims that most people have trouble coping with the 40.56-day months. The concept of double Mondays is also causing confusion, as is the revised 32-hour day, the report stated.

August 19, 2084---Herman Yerps, QST editor for the past 12 years has been asked to step down, informed sources in Newington, CT told GEARVAKf Bulletin reporters last month at a secret meeting. During Yerp's tenure as editor, QST circulation has dropped [as has ARRL membership] to 2,476 Hams. "The ARRL Board blames the entire decline in membership on Yerps and has decided to can him," said Elton Purkinsh, an unidentified source who refused to be quoted. The GEARVAKf Bulletin attempted to contact ARRL President Percy Smerckles 25 times during the past month to verify the story but he was "out of the office."

June 6, 2084---During the past six months, more than 250 people have been arrested for smoking in the State of New Hampshire, according to statistics released by the New Hampshire Attorney General's Office. Smoking was outlawed in New Hampshire shortly after the state was sold 55 years ago. Strict enforcement of the smoking ban was delayed by court action until late last year. Violators are imprisoned for three years and fined \$50,000 after conviction of first and second offenses. They are executed after a third conviction.

November 40, 2084---The commercial broadcasting industry has just announced that its royalty fees for reception of its broadcasts by the general public will be increased on January 1, 2085. The fee schedule, established by the courts over 100 years ago to reimburse

the poverty stricken-entertainment industry for unauthorized reception of its programs will now increase by approximately 100 percent. Consumer fees are expected to go up to about \$9,399 per receiver per year. Government license fees also are expected to increase by about \$450 per year to \$3,850. The penalty for owning an unregistered, unapproved, illegal, unsanctioned receiver is death by laser for the owner, his family, all living ancestors and descendants, and any other relatives and friends living within 100 miles of the illegally possessed receiver.

**KN6LWB and K6TER
26 YEARS OF FRIENDSHIP:**

It was in Pacific Beach, California, a suburb of San Diego. The year was 1958, and a punk of 16 was in 10th grade at Mission Bay High School there (sometimes referred to as "Mudflat High" due to its location on a muddy beach of scenic Mission Bay.)

That young punk had had the ham bug for some time, but, with about 10 guys in 10th grade being Hams, it jelled, and, in January, 1958, KN6LWB was born, with an enthusiastic ripping open of an envelope from the FCC.

The young punk's Novice test was given by Jim Bell, W6DES, who lived on Ingraham Street. He had an NC-98 receiver!

That young punk built a one-tube (6V6) crystal oscillator, which put out probably 10 watts on 40 meters, and he beat his key for many, many contacts. One of those contacts was made at about 3 a.m. Pacific time, waking everyone, causing hell to be raised with the young punk, but that contact was with Florida.

Somewhere along the way there in sunny southern California, that young punk made contact with Howard, K6TER, all of a mile and a half away. That contact resulted in a visit from Howard, and was the beginning of a friendship that still endures.

The young punk was on the air one day from good old Mudflat High - during school hours. Who answered the young punk's CQ? K6TER. No RST from K6TER. Nope.. "Why aren't you in school?" "I am in school.. we have a homebrew transmitter here now." "Oh."

Howard Trimble, K6TER, and his wife Evelyn, just celebrated their 50th wedding anniversary... and the young punk, as you no doubt have guessed, was me.

Badger State Smoke Signals, and especially myself, send all our best from Wisconsin to Howard and Evelyn, on a milestone many don't make. Congrats, you two!!!! We send our love from Wisconsin (but we'll not send you any Wisconsin weather).

Incidentally, Howard and Evelyn still live just where they did when Howard gave the young punk a nudge or two when he needed it... 1544 Law Street in Pacific Beach, just below Mount Soledad, where the TV stations are (or maybe were.)

Ah, Mount Soledad... what a spot for 6 meters! A Gonset and a halo - Ham heaven! Great six meter fun with K6DBS, W6DES and WN6NCS.

Ah yes... the before-school QSOs across Mission Bay with KN6 Laughing Little Idiot (his phonetics, not mine). One day he asked, "Can you tell I'm using a VFO?" They weren't legal for Novices then. Of course, I couldn't tell.. could I?

I'm digressing... congrats, Howard and Evelyn.. and many, many more!

-Jim Romelfanger K9ZZ

This is burgled, as best I can remember it, from an old magazine I found in my dear, sweet dad's gas station when I was a kid.

Seems the ranch owner had a trip to make by airplane, and he invited his hired hand to come along. The hired hand said he'd think about it, but, later, the owner found this note:

"Dear Boss: Sorry I can't go on the airplane trip with you, but I have only one *"

--- k9zz

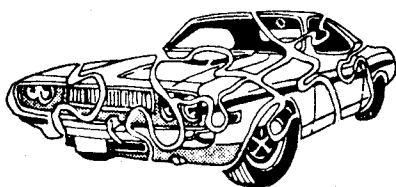
Then there was the cowboy who wore only 1 spur. Figured if one side of the horse went, the other side wud follow.

The Old Geezer

That is about it for this issue. We welcome the Riverland Amateur Radio Club to our pages with this issue. If any other clubs are interested in having BSSS carry information about their club, please let us know what we can do to help. WNA net managers: if you want news of your net included, you must get it to us.

HAPPY NEW YEAR!
73 de BSSS staff

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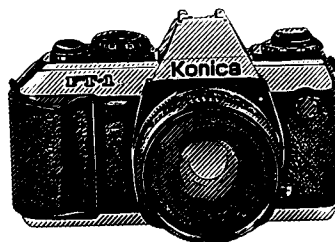
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Dear Fellow Radio Amateur:

If you are not a regular recipient of Badger State Smoke Signals, this sample copy is to introduce our publication to you, and invite you to join our regular readers. Smoke Signals has been published monthly for over 15 years. Originally published as the club paper for the Yellow Thunder Amateur Radio Club, it has been, for the past two years, a state-wide publication.

Badger State Smoke Signals will carry current Amateur Radio news, news about YELLOW THUNDER ARC, RIVERLAND RADIO CLUB, WNA, ARRL and other clubs and groups in Wisconsin as well. You will be kept apprised of what is happening in our hobby - locally, regionally, nationally and around the world. Among the many features will be Sentence Sermons, member birthdays, swapfest calendar, ARRL section news, humor and excellent feature articles by well-known Amateurs in Wisconsin and elsewhere. Reports will be included from ARRL Bulletins, ARRL Newsletters, and Westlink Reports, along with items of interest from exchange newsletters and the ARNS.

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If you wish to subscribe, please use the form below. Make checks or money orders payable to Badger State Smoke Signals. Send this form to Jim Decker, WB9UQT, Treasurer, P.O. Box 337, Baraboo, Wis. 53913.

In addition to the above rates, a special reduced rate is available to clubs having 20 or more subscriptions per year at a rate of \$4.50 each.

Clubs wishing to participate in Badger State Smoke Signals with a column devoted to their club can receive a lower rate. Mailings must be made to the entire club membership and your club would receive a 15 percent additional complimentary mailings. (There are presently over 85 complimentary and exchange addresses on the mailing list in addition to the present subscribers.)

CLUB RATES:	Less than 50 members	\$4.20 per year
	Over 50 members	\$3.60 per year

Badger State Smoke Signals would be happy to serve your members as the official journal for your club. For information and requirements, please contact Ken Ebnetter, K9EN, 822 Wauona Trail., Portage, Wisconsin 53901 -- (608) 742-3560

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